

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

07/29/2011

Jaclyn Sexton  
Assistant District Attorney, Norfolk County

Dear ADA Sexton,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

## Curriculum Vitae

### **Annie Khan (Dookhan)**

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

#### Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

#### QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*  
*Executive Office of Health and Human Services*  
*Department of Public Health*  
*State Laboratory Institute*

Boston Drug Laboratory  
Tel (617) 983-6622  
Fax (617) 983-6625

Book # 51  
Page #82

Amherst Drug Laboratory  
Tel (413) 545-2601  
Fax (413) 545-2608

Boston Hours

8:00 – 11:00  
2:00 – 4:00

Amherst Hours  
9:00 – 12:00  
1:00 – 3:00

**DRUG RECEIPT**

City or Department: Transit Police Department Police Reference No. [REDACTED]

Name and Rank of Submitting Officer: Dgt Gloria Andrews-Wade

Defendant(s) Name (last, first, initial):  
[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight      Lab Number

(46) Clonidine tablets

19.40g

(1) Clonazepam tablets

1.52g

(.5) Suboxone tablet

4.70g

Received by: \_\_\_\_\_

*ELO*

Date: \_\_\_\_\_

*7-29-10*

No. [REDACTED] Date Analyzed: 10-25-10

City: MBTA Police Dept.

Officer: Sergeant GLORIA ANDREWS-WARD

Def: [REDACTED]

Amount: 46.0

Subst: TAB

No. Cont: 1 Cont: pb

Date Rec'd: 07/29/2010

No. Analyzed:

Gross Wt.: 19.40

Net Weight:

# Tests: 1 ATL  
ASO

Prelim: C

Findings: Conclusion

No. [REDACTED] Date Analyzed: 11-8-10  
City: MBTA Police Dept.  
Officer: Sergeant GLORIA ANDREWS-WARD  
Def: [REDACTED]  
Amount: 1.0 Subst: TAB  
No. Cont: 1 Cont: pb  
Date Rec'd: 07/29/2010 No. Analyzed:  
Gross Wt.: 1.52 Net Weight:  
# Tests: 1 A/D  
• DJR  
Prelim: Clonazepam Findings: Clonazepam

No. [REDACTED] Date Analyzed: 11-8-10  
City: MBTA Police Dept.  
Officer: Sergeant GLORIA ANDREWS-WARD  
Def: [REDACTED]  
Amount: 0.5 Subst: TAB  
No. Cont: 1 Cont: pb  
Date Rec'd: 07/29/2010 No. Analyzed:  
Gross Wt.: 4.00 Net Weight: 0.19  
# Tests: 6 A/D  
• DJR  
Prelim: Buprenorphine Findings: Buprenorphine  
B

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY MBTA ANALYST ADP

No. of samples tested: \_\_\_\_\_ Evidence Wt. \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ): \_\_\_\_\_

46 white round tablet

Gross Wt ( ): \_\_\_\_\_

17 - PD

Pkg. Wt: \_\_\_\_\_

PC label chlorine

Net Wt: 5.6385



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

Monosaccharide

## PRELIMINARY TEST RESULTS

RESULTS chlorine

DATE 10-25-10

## GC/MS CONFIRMATORY TEST

RESULTS \_\_\_\_\_

MS  
OPERATOR \_\_\_\_\_

DATE \_\_\_\_\_

## Drug Information

**DRUG NAME:** CLONIDINE HYDROCHLORIDE

**INGREDIENTS:** CLONIDINE HYDROCHLORIDE -- 0.2 MG

**Color:** White

**NDC:** 51079-0301-62

**Shape:** Circle

51079-0300-66

**Imprint:** MYLAN 186

51079-0300-19

**Form:** Oral Tablet

00378-0186-10

**Available-Container-Size:** Strip of  
90 , Strip of 30 , Strip of 25 , Bottle of  
1000 , Bottle of 100 , Strip of  
1 , Package of 30 , Strip of 300 , Strip of  
100

00378-0186-01

51079-0300-17

51079-0300-01

51079-0300-63

51079-0300-56

51079-0300-20

**AAPCC Code:** 201081 - Clonidine

**Excipients:** Silicon Dioxide,  
Colloidal ; Croscarmellose Sodium (Type  
A) ; Magnesium Stearate ; Cellulose,  
Microcrystalline ; Sodium Lauryl  
Sulfate ; Ammonium Chloride

**Regulatory Status:** RX

**Availability:** United States

**Product ID:** 5150141

**Contact:** Mylan Pharmaceuticals

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## Drug Information

**DRUG NAME:** CLONIDINE HYDROCHLORIDE

**INGREDIENTS:** CLONIDINE HYDROCHLORIDE -- 0.2 MG

**Color:** White

**NDC:** 53489-216-01  
53489-216-10

**Shape:** Circle

**Excipients:** Cellulose,  
Microcrystalline ; Starch,  
Pregelatinized ; Sodium Starch  
Glycolate ; Lactose ; Magnesium  
Stearate

**Imprint:** MP 658

**Regulatory Status:** RX

**Form:** Oral Tablet

**Availability:** United States

**Available-Container-Size:** Bottle of  
100 , Bottle of 1000

**Product ID:** 6714954

**AAPCC Code:** 201081 - Clonidine

**Contact:** Mutual Pharmaceutical

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# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY MFTA ANALYST ASD

No. of samples tested: \_\_\_\_\_ Evidence Wt. \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ) : \_\_\_\_\_

1 white round tablet  
'7 - P5



Gross Wt ( ) : \_\_\_\_\_

Gross Wt ( ) : \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1691

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

Mueller Alc \_\_\_\_\_

## PRELIMINARY TEST RESULTS

RESULTS Clorazepam

DATE 10-25-10

## GC/MS CONFIRMATORY TEST

RESULTS Clorazepam

MS  
OPERATOR DZR

DATE 11-8-10

## Drug Information

**DRUG NAME:** CLONAZEPAM

**INGREDIENTS:** CLONAZEPAM -- 2 MG

**Color:** White

**NDC:** 00904-6103-61

**Shape:** Circle

**UPC:** 09046-10361

**Imprint:** E 65 The tablet is imprinted with E over 65 on one side and bisected on the other.

**Excipients:** Starch, Corn ; Magnesium Stearate ; Cellulose, Microcrystalline ; Lactose (Anhydrous)

**Form:** Oral Tablet

**Regulatory Status:** Schedule IV

**Available-Container-Size:** Strip of 100

**Availability:** United States

**AAPCC Code:** 007000 -  
Benzodiazepines

**Product ID:** 7077864

**Contact:** Major Pharmaceutical

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# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY MDTA ANALYST ASJ

No. of samples tested: \_\_\_\_\_ Evidence Wt. \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt ( ) : \_\_\_\_\_

0.5 orange brown tablet  
17-86

Gross Wt ( ) : \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1903

## PRELIMINARY TESTS

### Spot Tests

Cobalt Thiocyanate (-) -

Marquis purple

Froehde's purple

Mecke's -

### Microcrystalline Tests

Gold Chloride \_\_\_\_\_

TLTA ( )

### OTHER TESTS

GC+ \_\_\_\_\_

## PRELIMINARY TEST RESULTS

RESULTS Bupropion HCl

DATE 10-25-10

## GC/MS CONFIRMATORY TEST

RESULTS Bupropion HCl

MS OPERATOR PSR

DATE 11-8-10

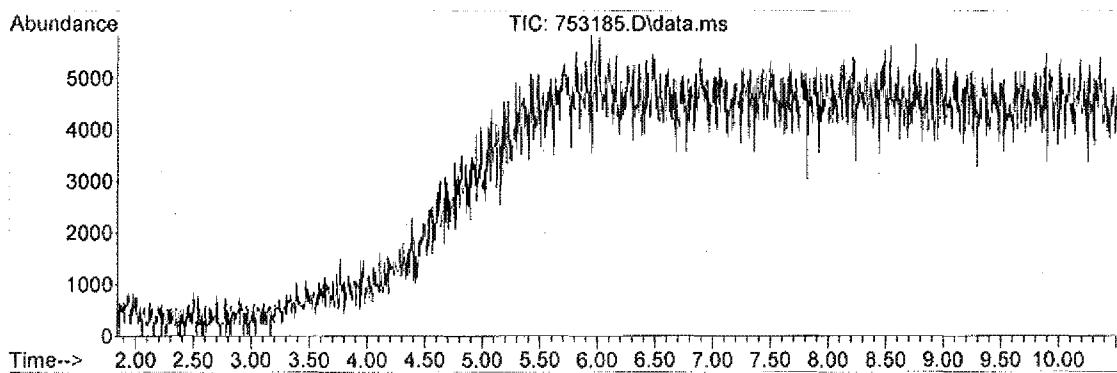
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753185.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 3:49  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

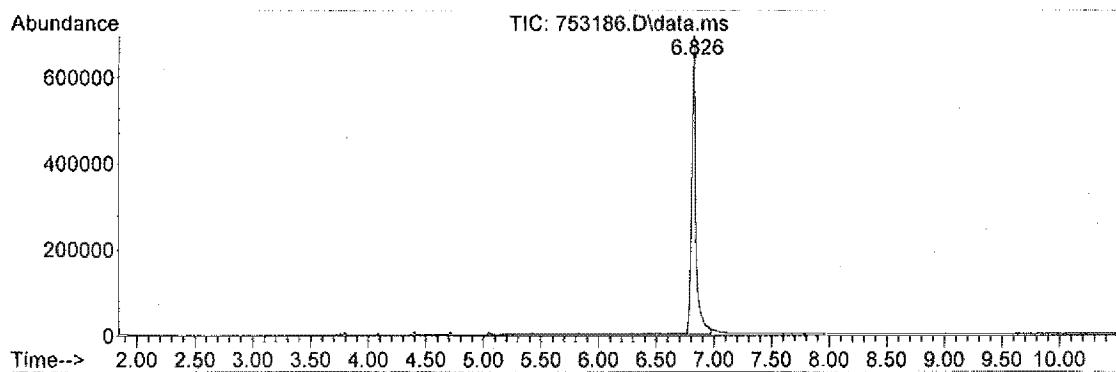
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753186.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 4:03  
Sample Name : CLONAZEPAM STD  
Submitted by :  
Vial Number : 86  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.826	1746368	100.00	100.00

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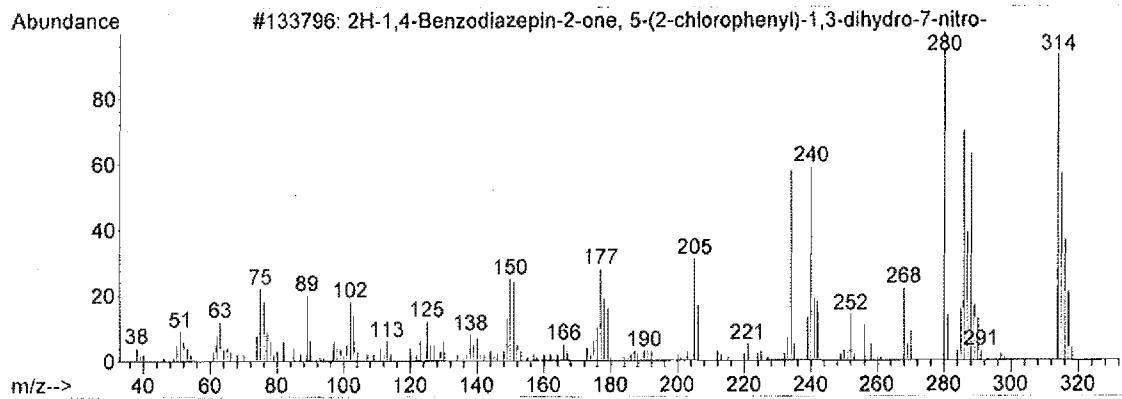
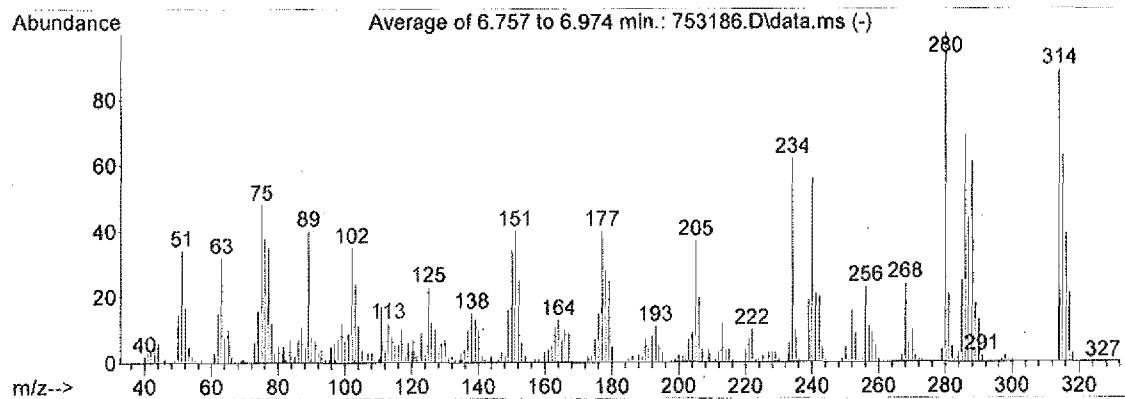
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753186.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 4:03  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 86  
 AcquisitionMeth: CLONAZ  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.83	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



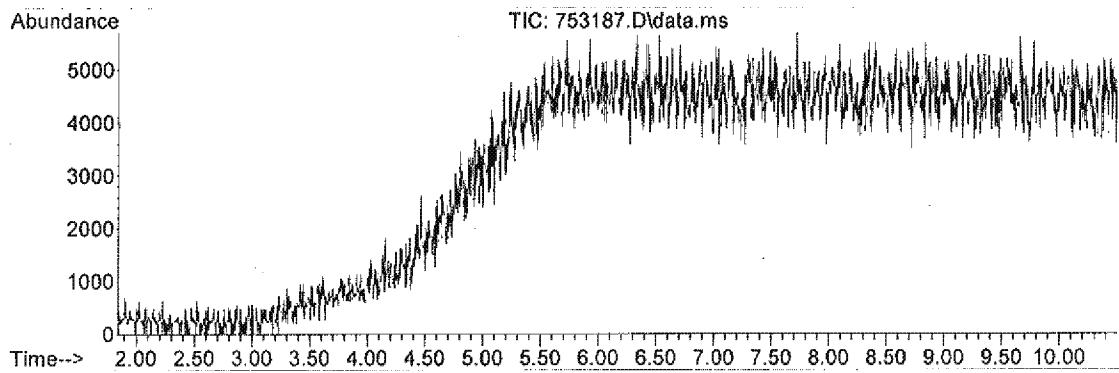
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753187.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 4:17  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

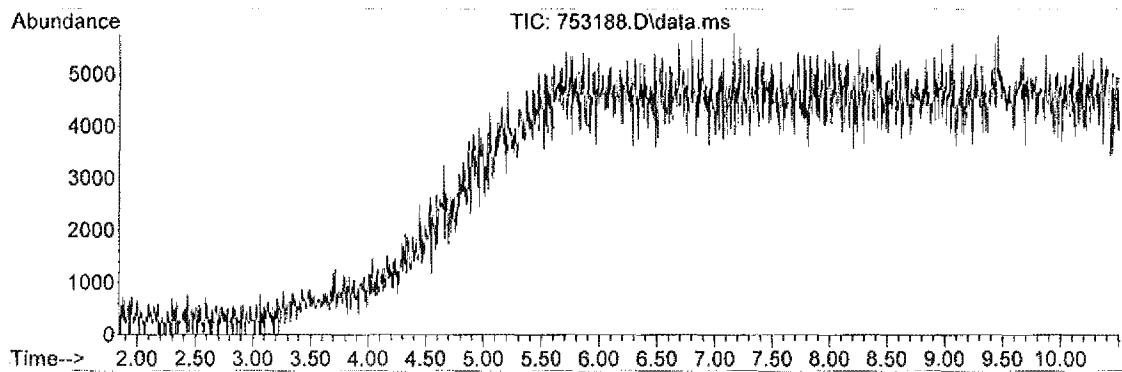
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753188.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 4:32  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

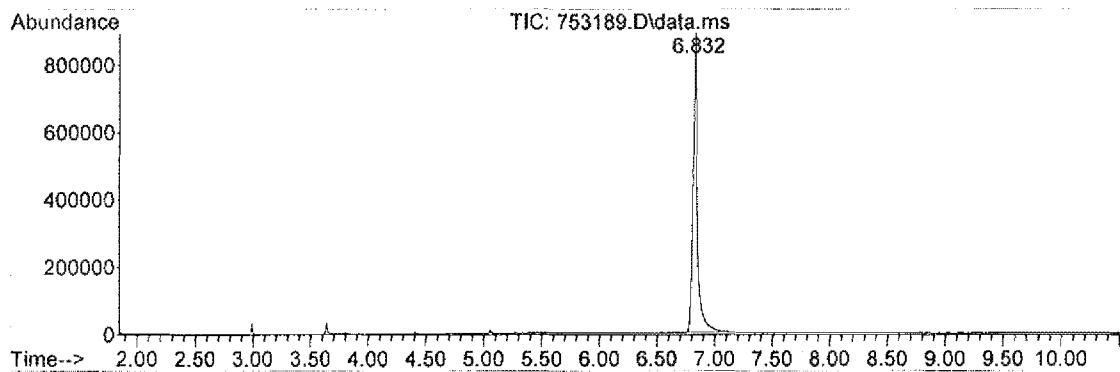
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753189.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 4:46  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 89  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.832	2382213	100.00	100.00

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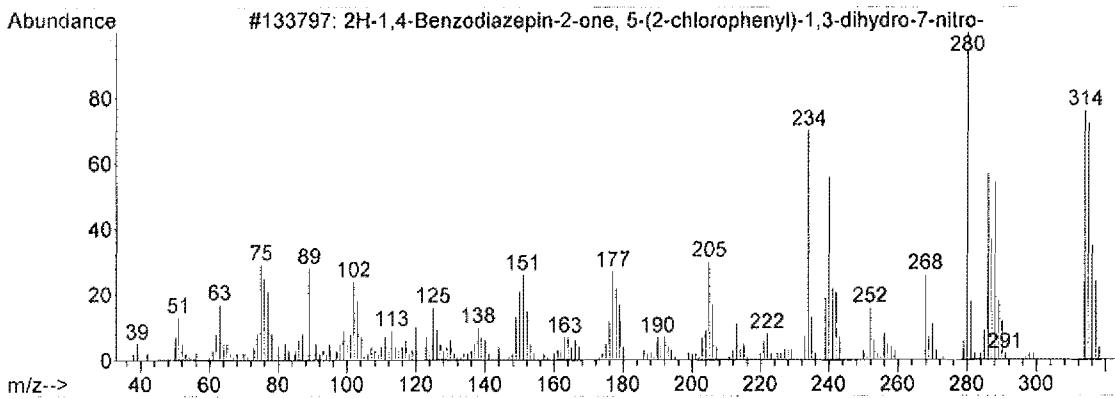
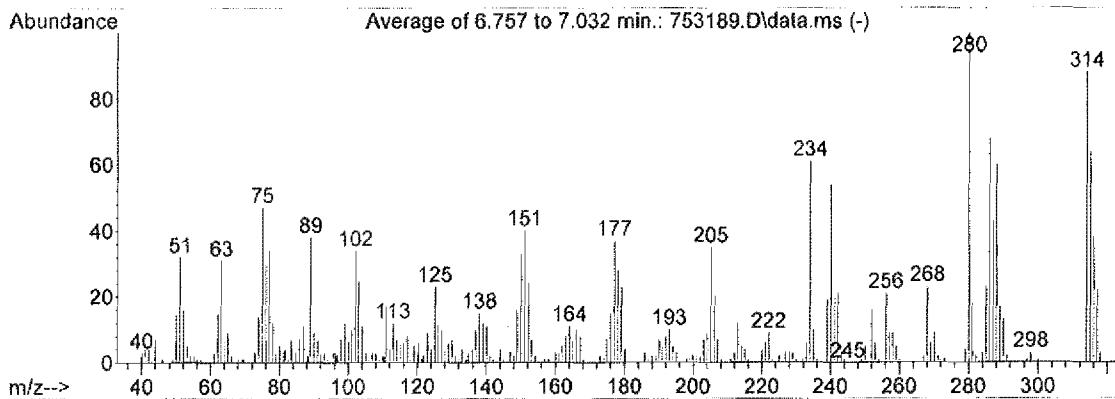
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753189.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 4:46  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 89  
 AcquisitionMeth: CLONAZ  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.83	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



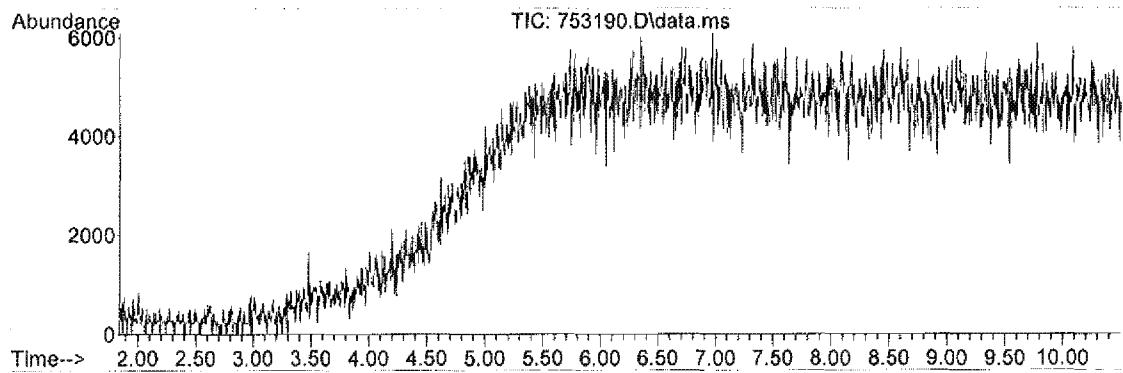
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753190.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 5:00  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

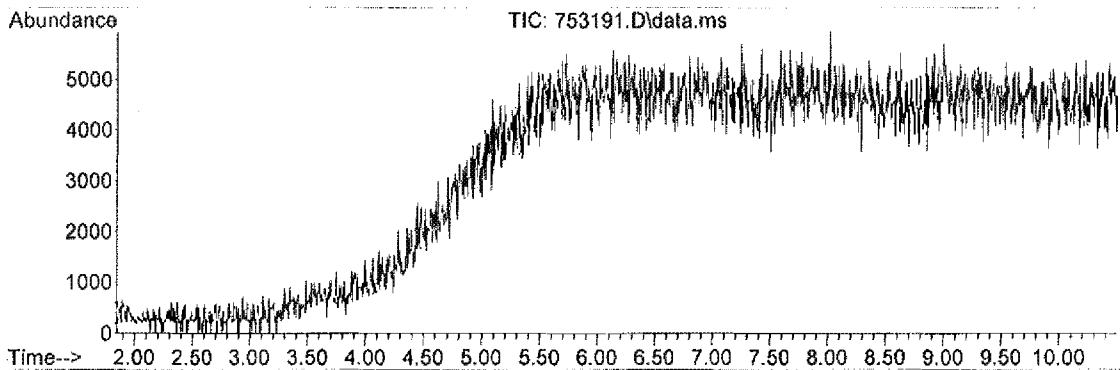
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753191.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 5:14  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

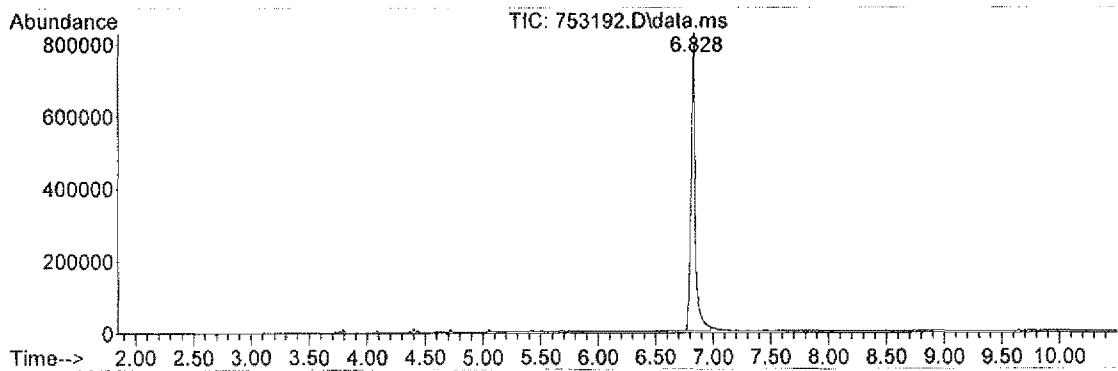
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753192.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 5:28  
Sample Name : CLONAZEPAM STD  
Submitted by :  
Vial Number : 86  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.828	2090039	100.00	100.00

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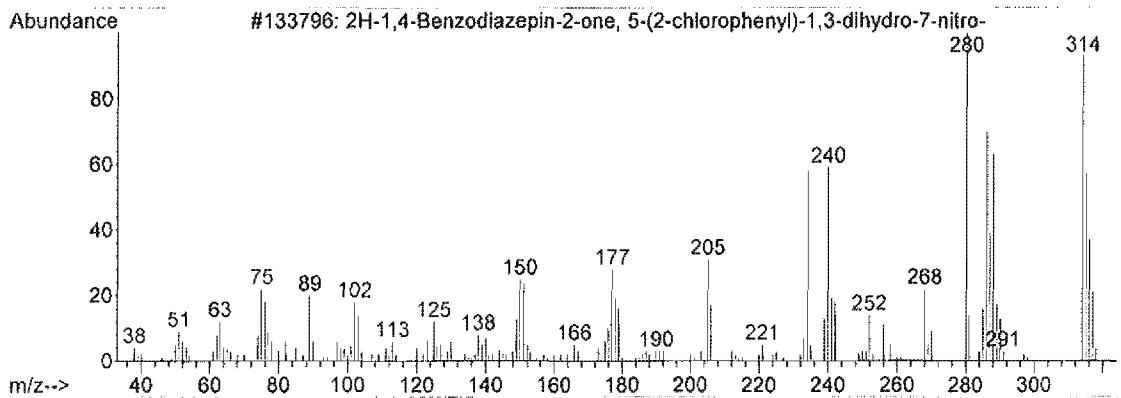
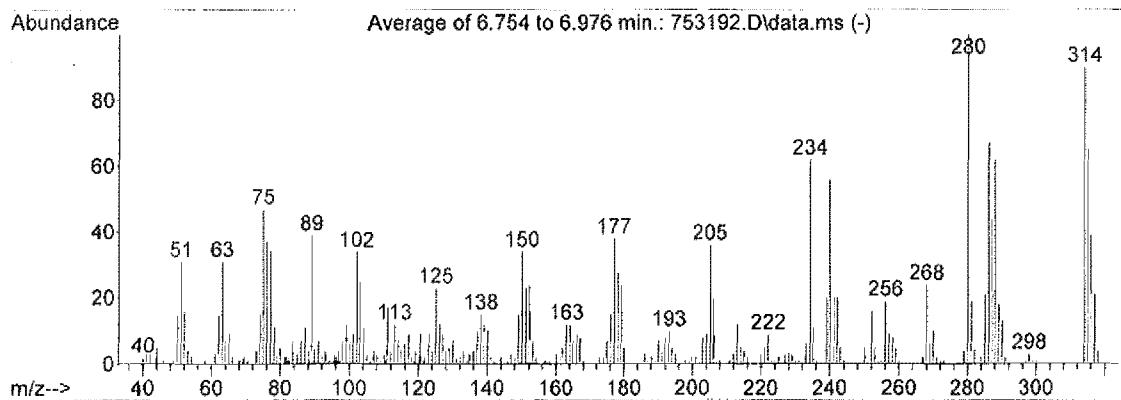
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753192.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 5:28  
 Sample Name : CLONAZEPAM STD  
 Submitted by :  
 Vial Number : 86  
 AcquisitionMeth: CLONAZ  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.83	C:\Database\NIST05a.L		
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99
		2H-1,4-Benzodiazepin-2-one, 5-(2-ch	001622-61-3	99



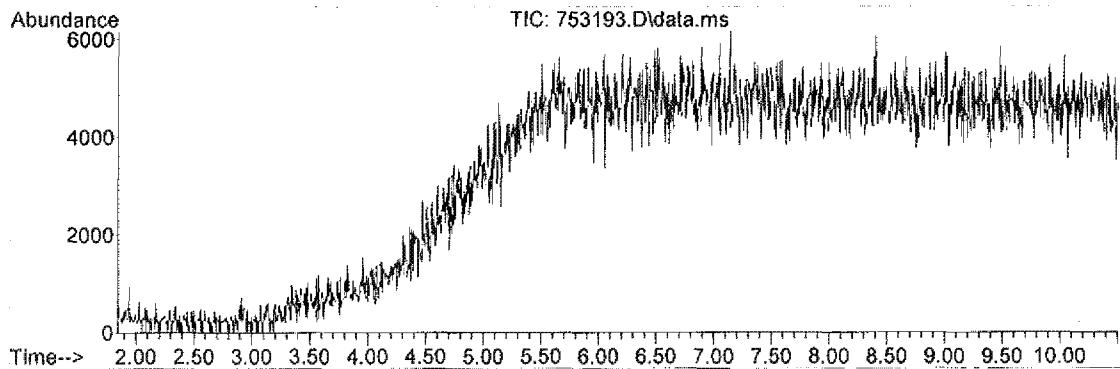
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753193.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 5:42  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: CLONAZ  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

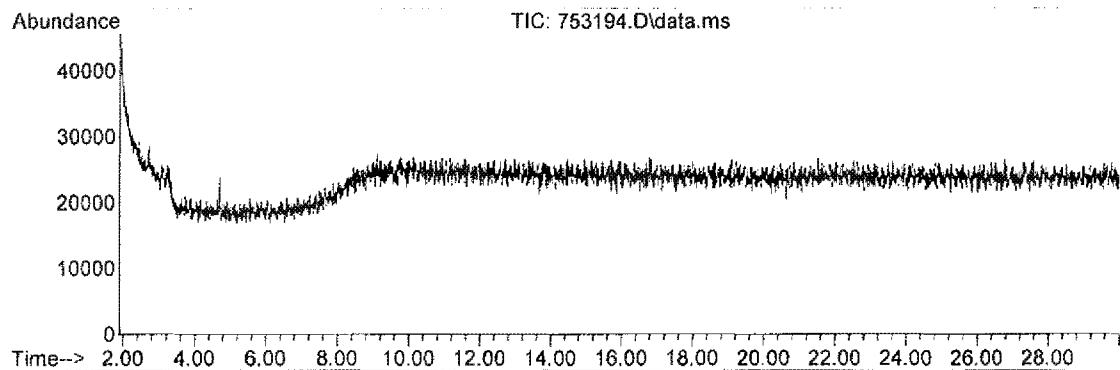
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753194.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 5:57  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

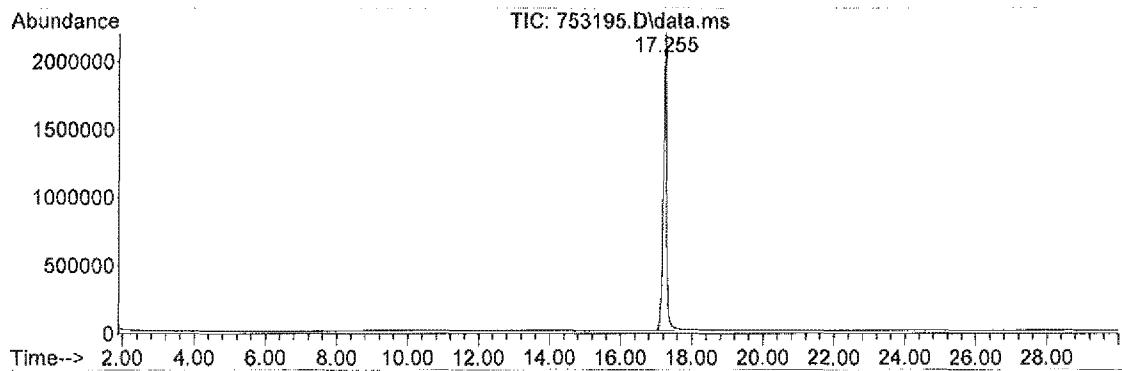
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753195.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 6:31  
Sample Name : BUPRENORPHINE STD  
Submitted by :  
Vial Number : 95  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
17.255	13531079	100.00	100.00

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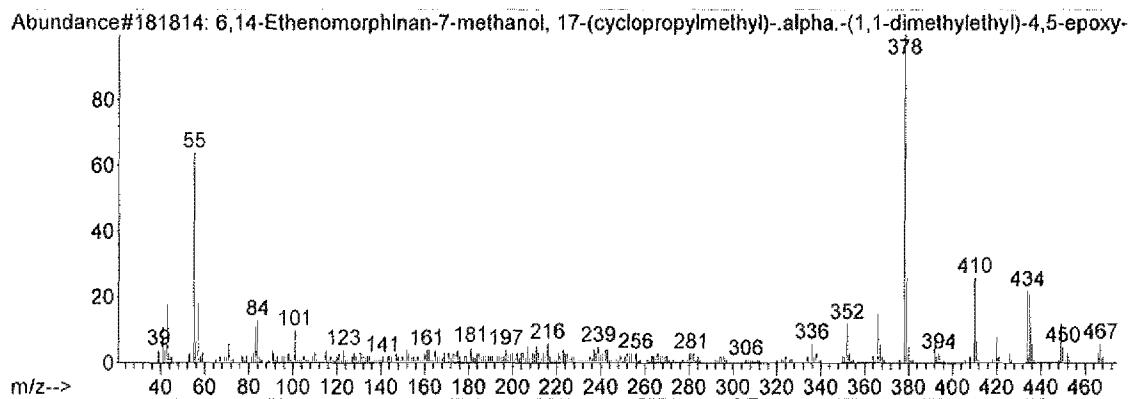
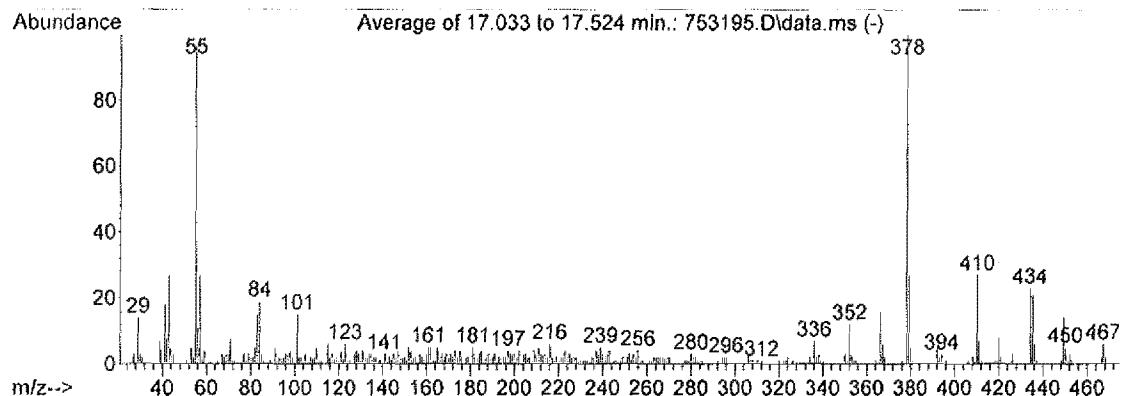
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753195.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 6:31  
 Sample Name : BUPRENORPHINE STD  
 Submitted by :  
 Vial Number : 95  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	17.25	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	96
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	70



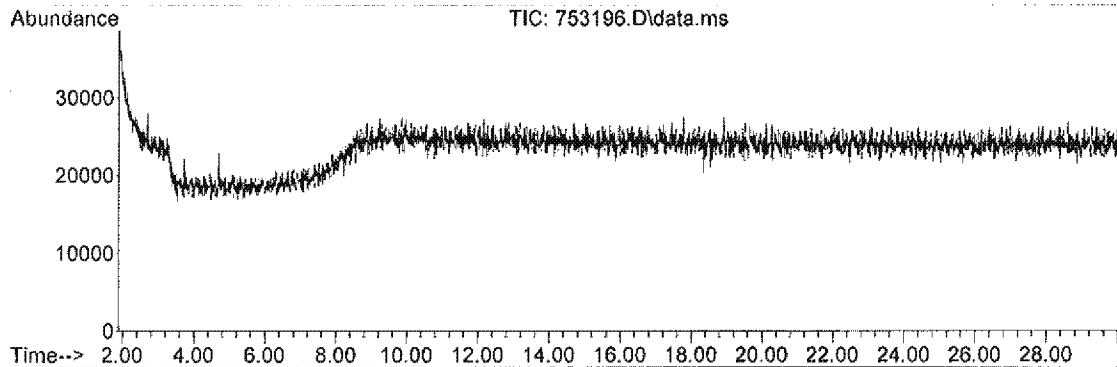
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753196.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 7:05  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

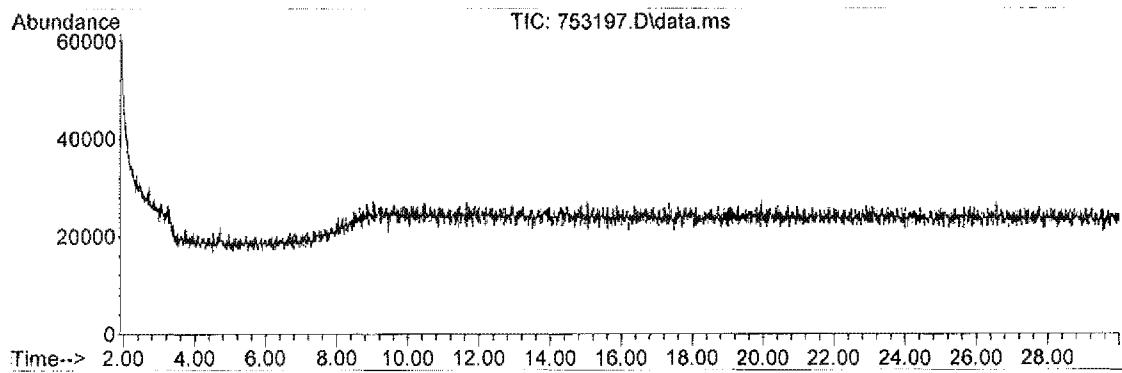
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753197.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 7:39  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

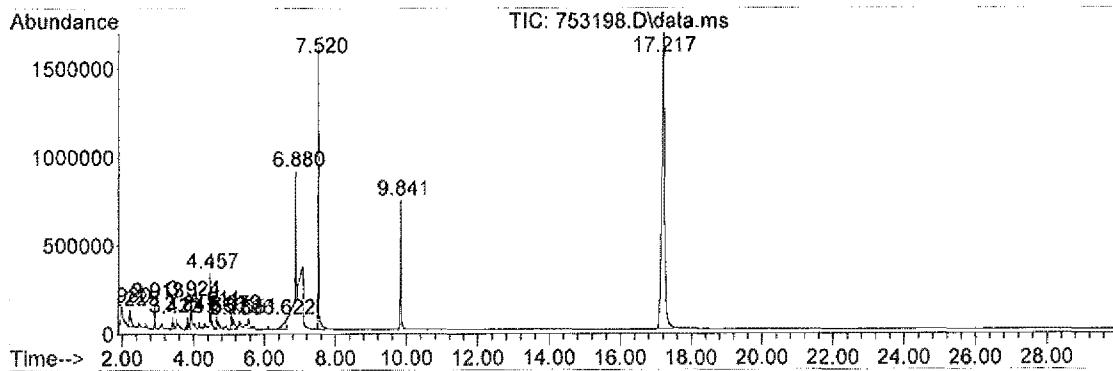
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
1.980	403648	2.38	4.18
2.225	343679	2.03	3.56
2.913	196210	1.16	2.03
3.422	168005	0.99	1.74
3.841	163852	0.97	1.70
3.924	321260	1.90	3.33
4.457	347433	2.05	3.60
4.511	203720	1.20	2.11
4.666	175974	1.04	1.82
5.079	205648	1.21	2.13
5.139	184933	1.09	1.92
5.551	167408	0.99	1.73
6.622	405209	2.39	4.20
6.880	909102	5.37	9.42
7.520	1829725	10.80	18.95
9.841	1253502	7.40	12.98
17.217	9655694	57.02	100.00

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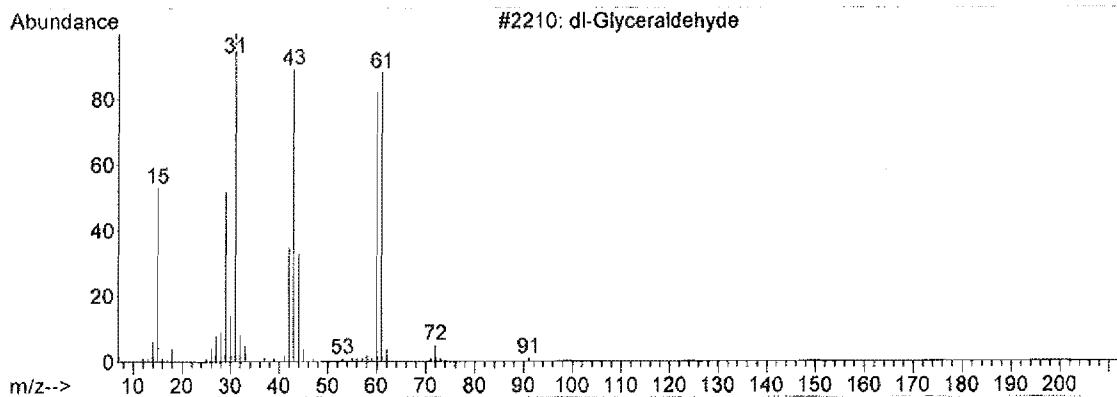
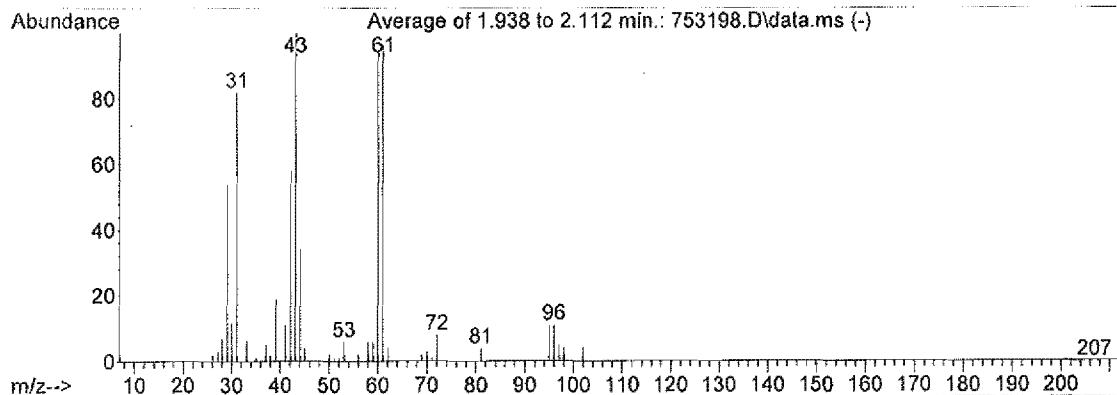
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.98	C:\Database\NIST05a.L		
		dl-Glyceraldehyde	000056-82-6	80
		Propanal, 2,3-dihydroxy-	000367-47-5	56
		Methanamine, N-hydroxy-N-methyl-	005725-96-2	38



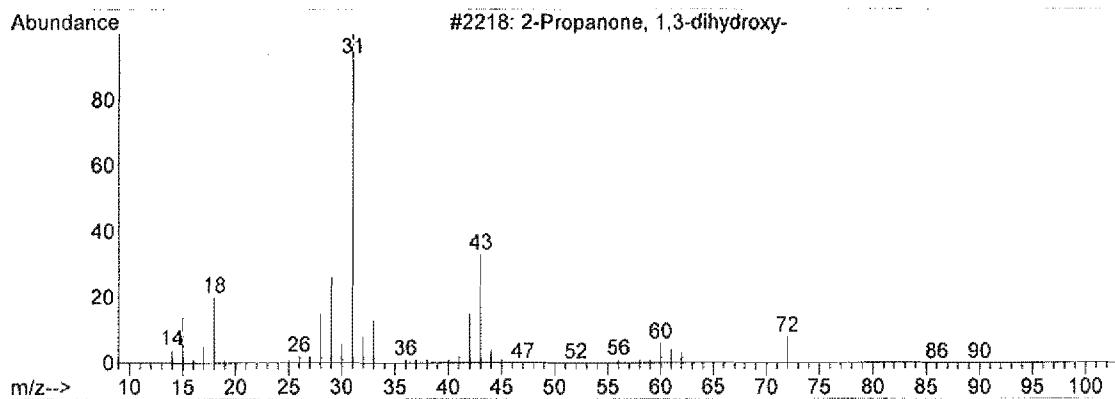
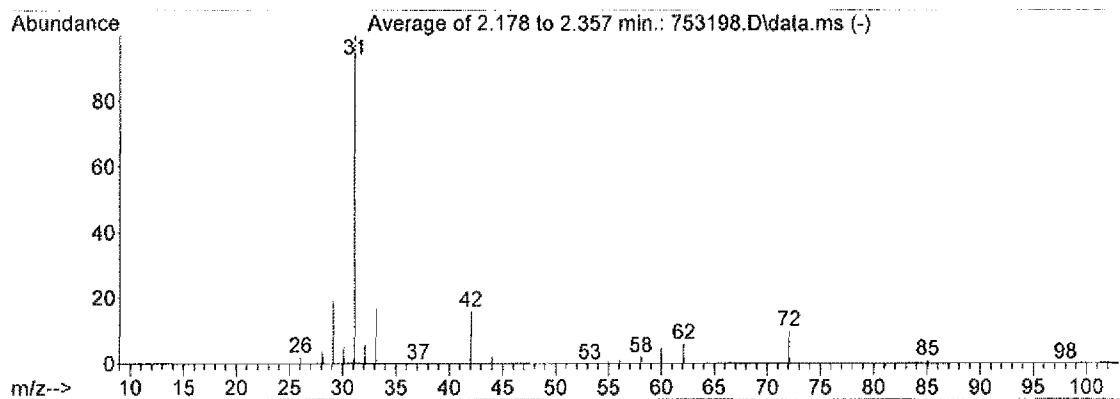
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.23	C:\Database\NIST05a.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	83
		1,3-Dihydroxyacetone dimer	062147-49-3	83
		dl-Glyceraldehyde dimer	026793-98-6	39



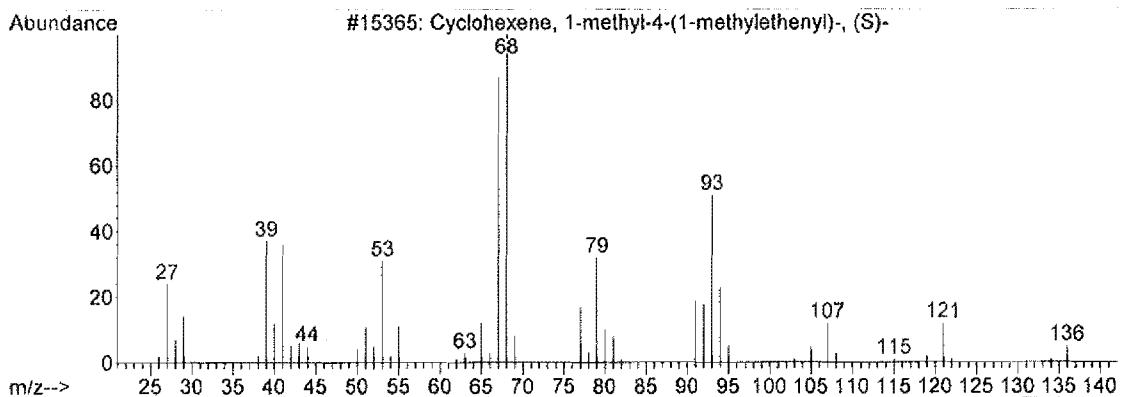
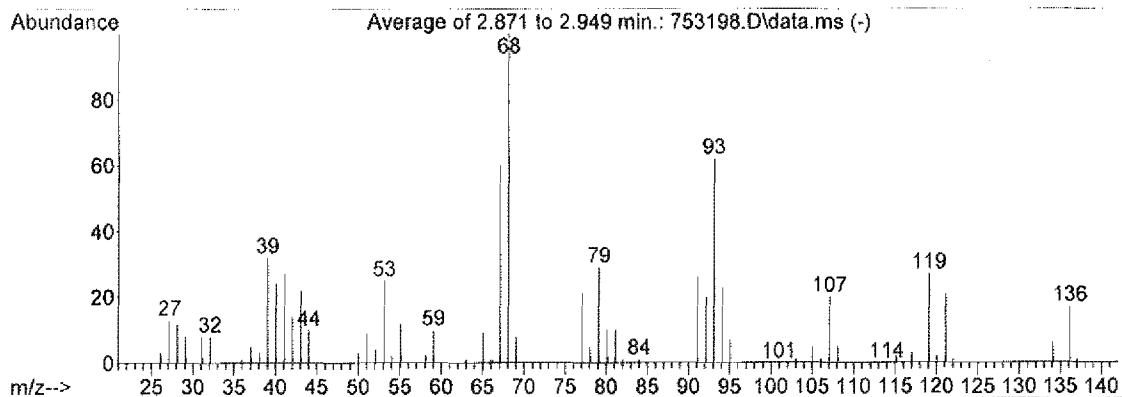
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.91	C:\Database\NIST05a.L		
		Cyclohexene, 1-methyl-4-(1-methylethyl)	005989-54-8	95
		D-Limonene	005989-27-5	94
		D-Limonene	005989-27-5	94



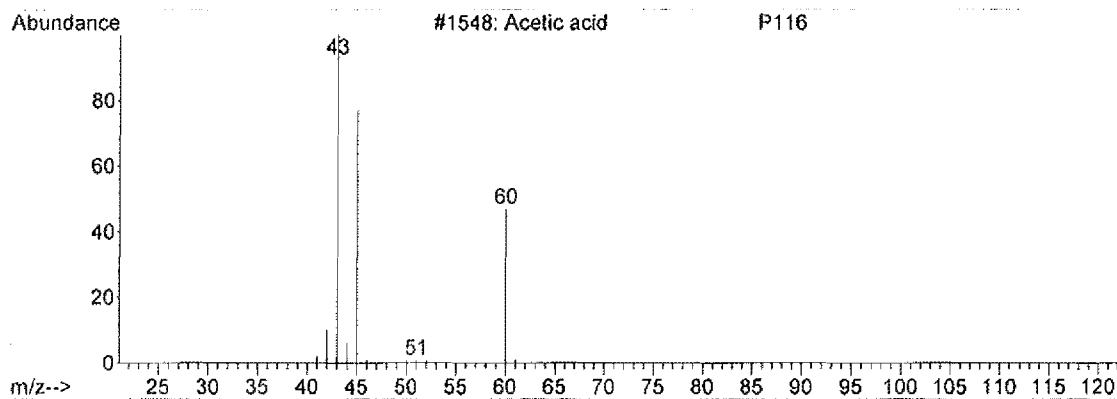
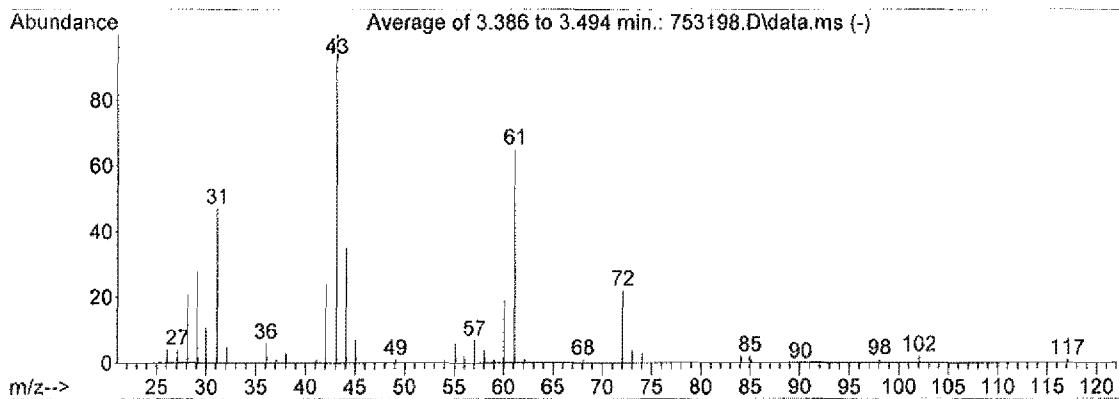
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.42	C:\Database\PMW_TOX2.L		
		Acetic acid	000064-19-7	2
		Acetic acid anhydride	000108-24-7	2
		Monolinuron	001746-81-2	1



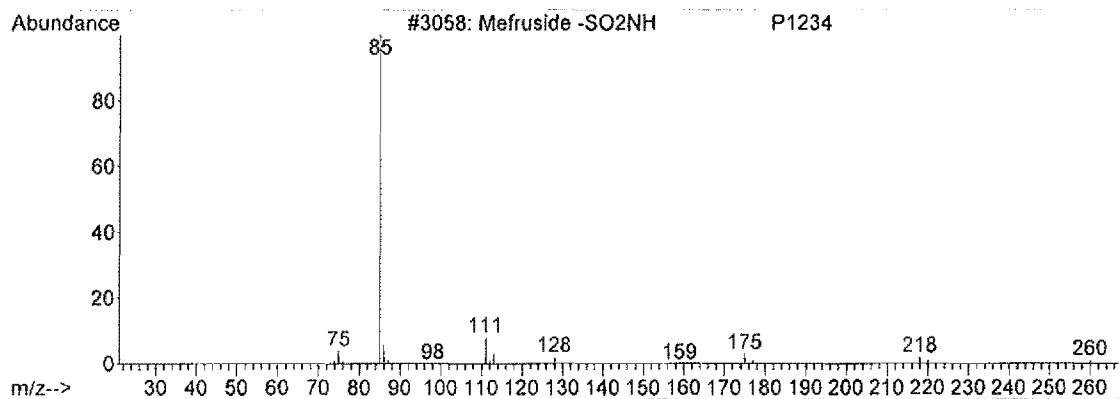
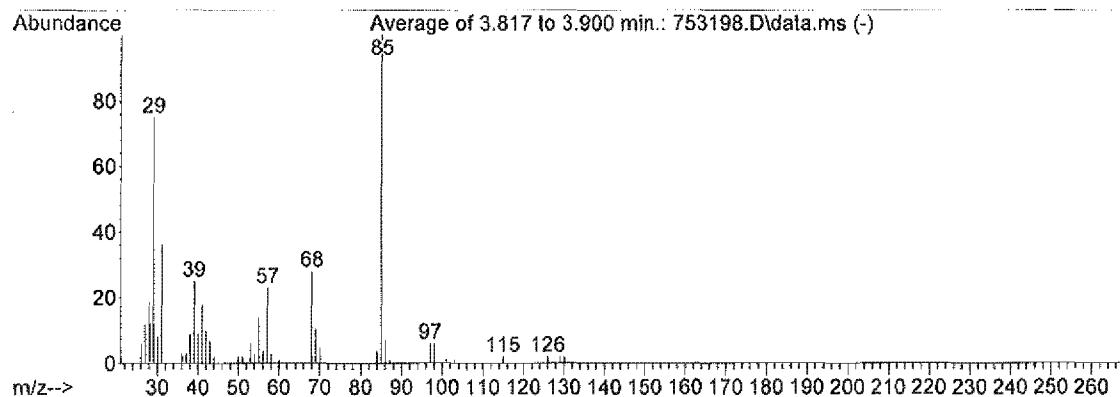
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	3.84	C:\Database\PMW_TOX2.L		
		Mefruside -SO2NH	000000-00-0	2
		Mefruside ME	000000-00-0	1
		Mefruside 2ME	000000-00-0	1



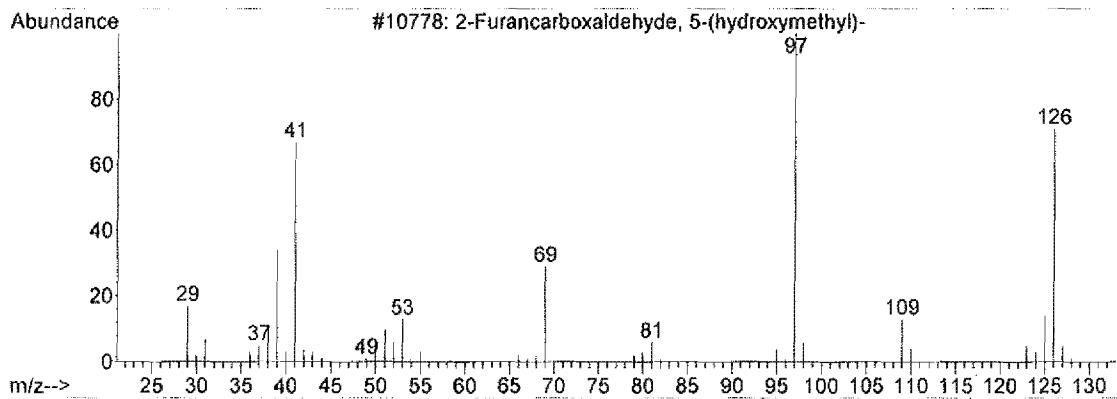
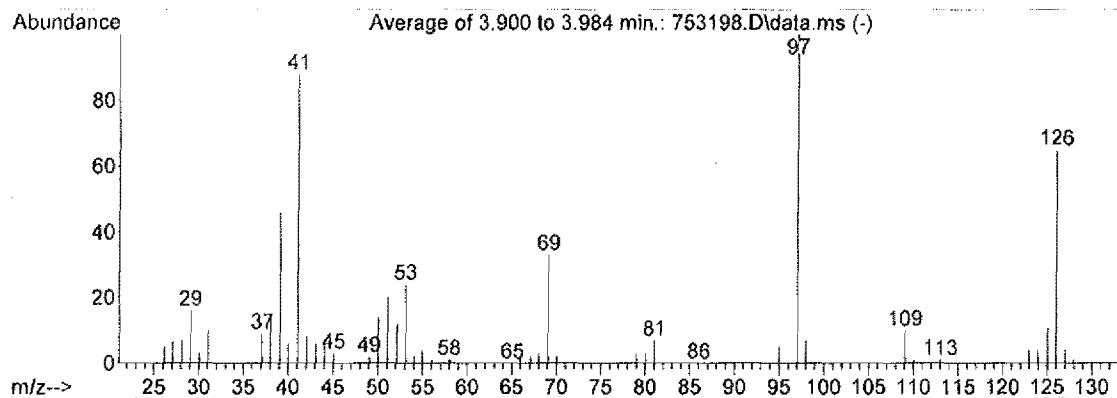
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	3.92	C:\Database\NIST05a.L		
		2-Furancarboxaldehyde, 5-(hydroxymethyl)	000067-47-0	90
		2-Furancarboxaldehyde, 5-(hydroxymethyl)	000067-47-0	76
		Benzene methanol, 3-fluoro-	000456-47-3	35



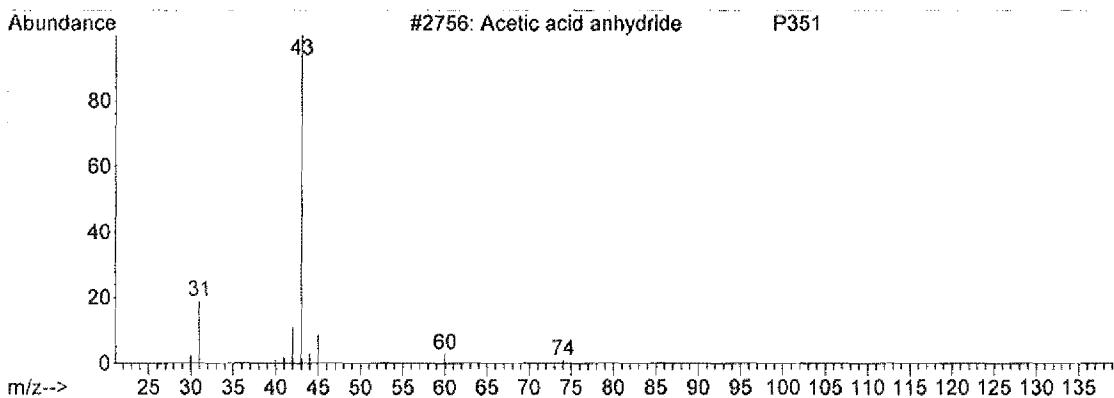
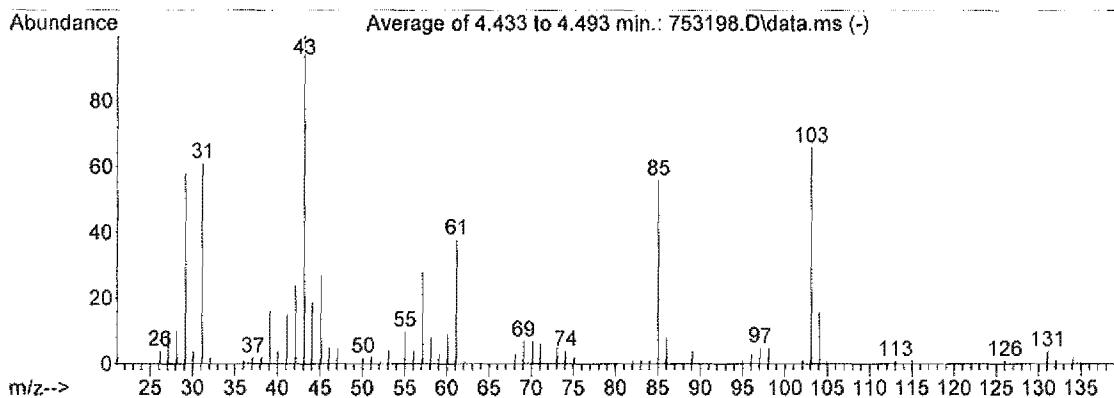
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	4.46	C:\Database\PMW_TOX2.L		
		Acetic acid anhydride	000108-24-7	9
		Nifenaloi artifact	000000-00-0	2
		Mefruside -SO2NH	000000-00-0	2



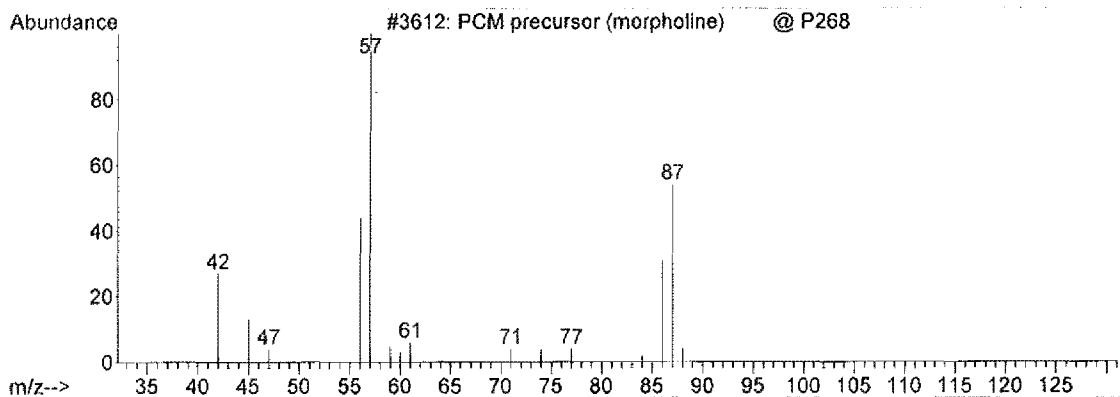
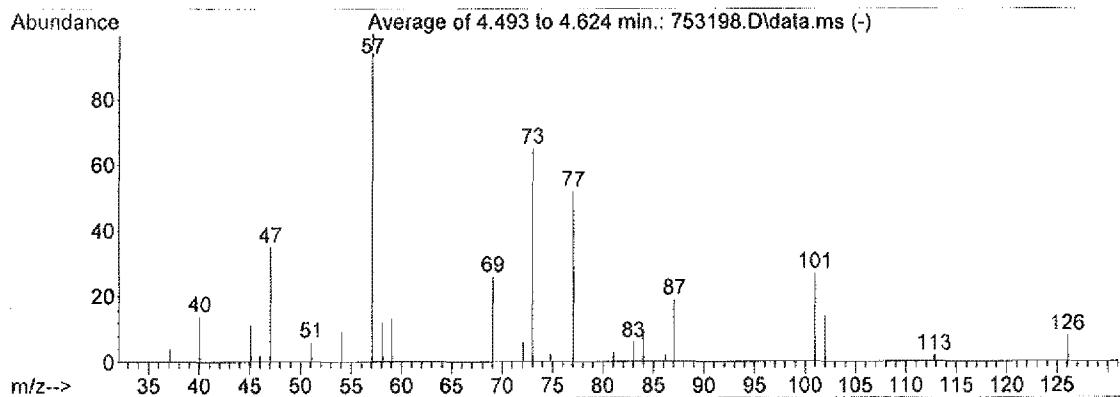
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	4.51	C:\Database\PMW_TOX2.L		
		PCM precursor (morpholine)	@ 000110-91-8	2
		Valproic acid	000099-66-1	1
		Norephedrine	@ 000492-41-1	1



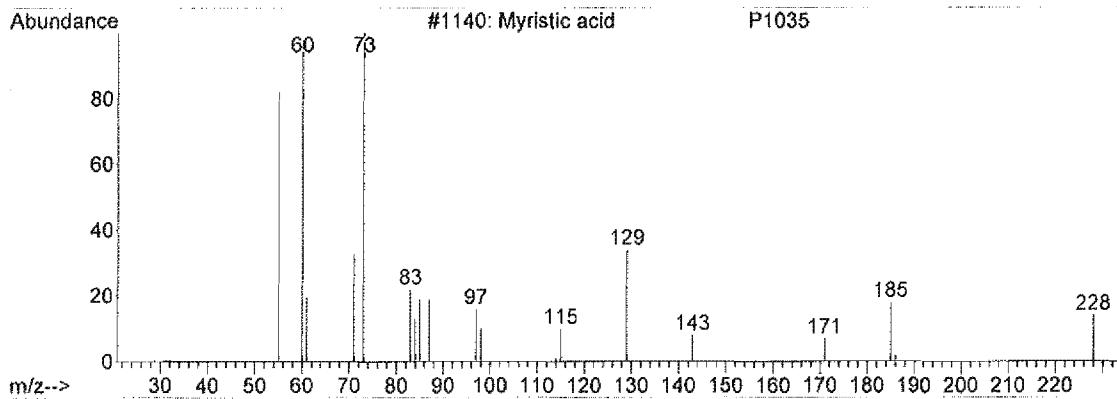
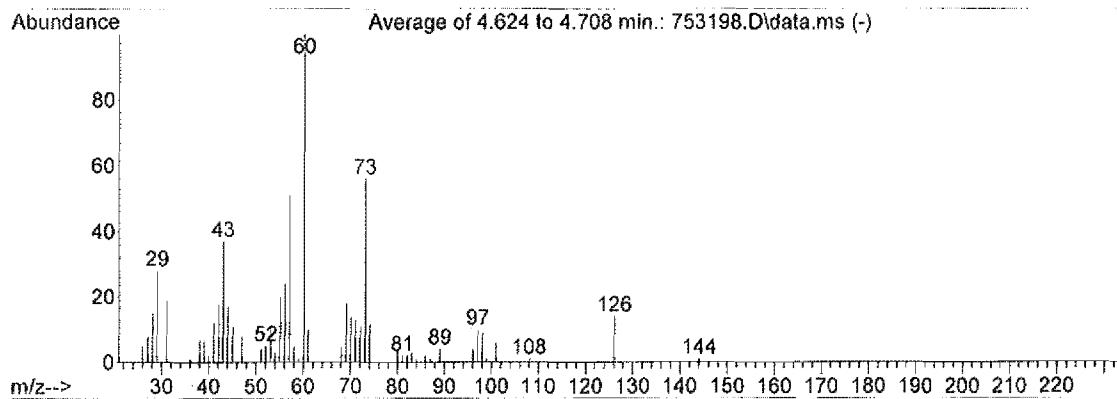
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
9	4.67	C:\Database\PMW_TOX2.L		
		Myristic acid	000544-63-8	4
		Cyclamate-M AC	001124-53-4	1



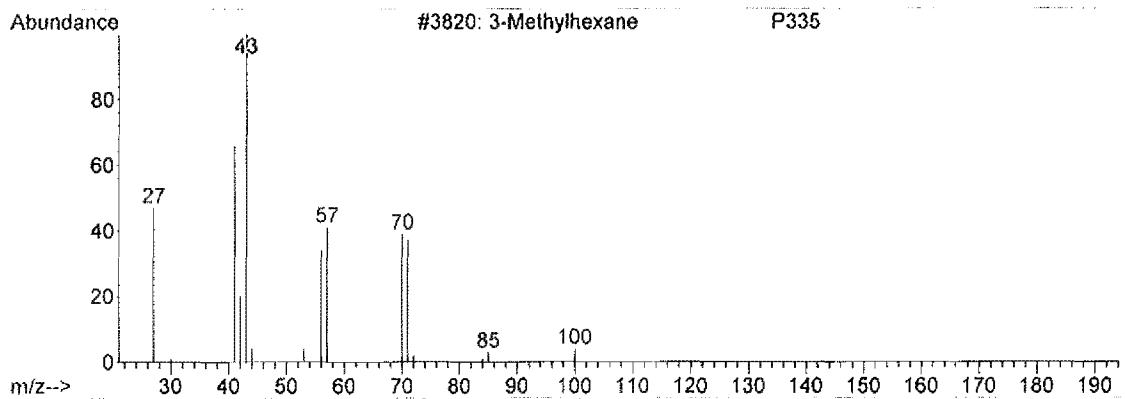
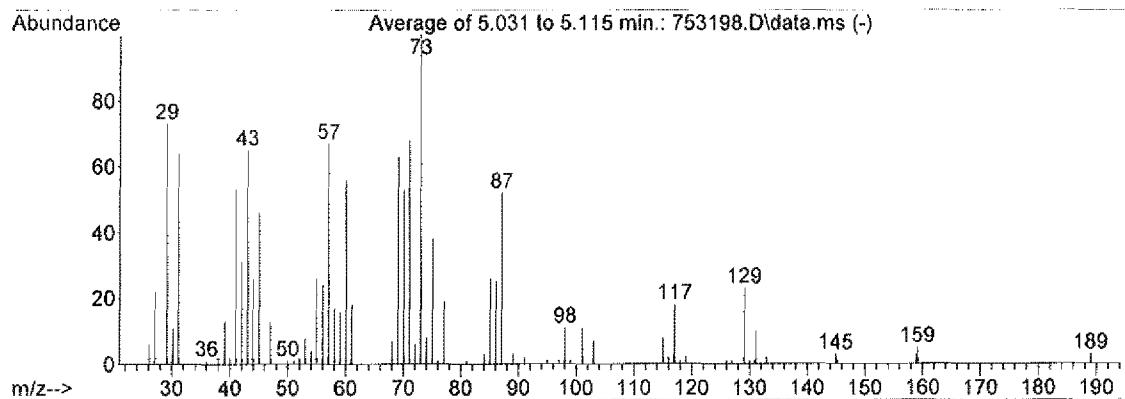
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
10	5.08	C:\Database\PMW_TOX2.L		
		3-Methylhexane	000589-34-4	10
		Octane	000111-65-9	9
		Chloralose artifact	000000-00-0	9



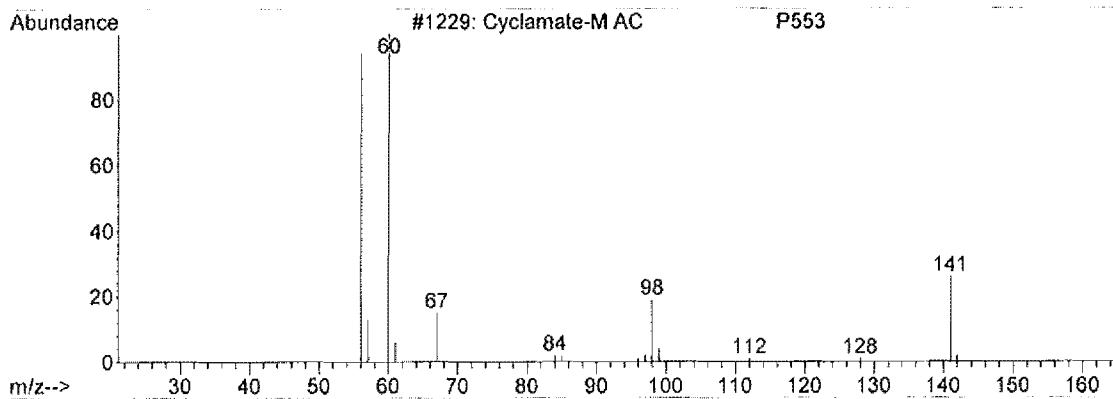
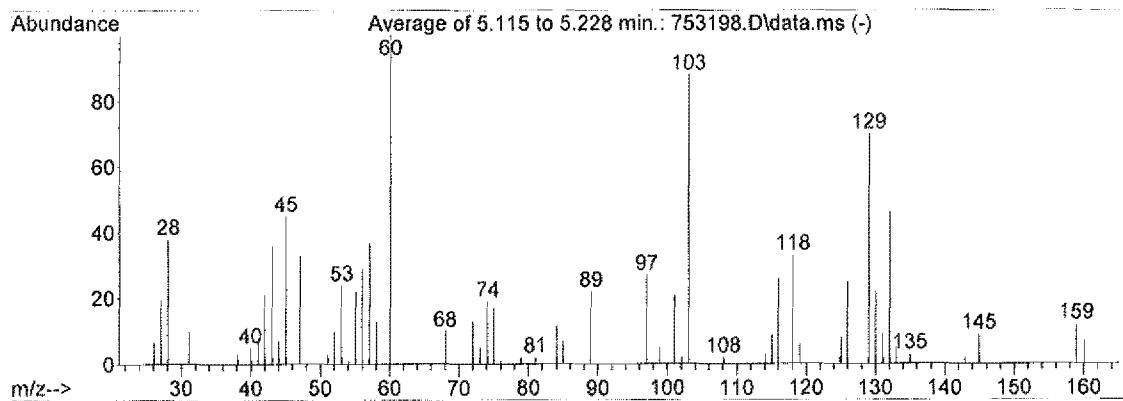
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
11	5.14	C:\Database\PMW_TOX2.L Cyclamate-M AC	001124-53-4	1



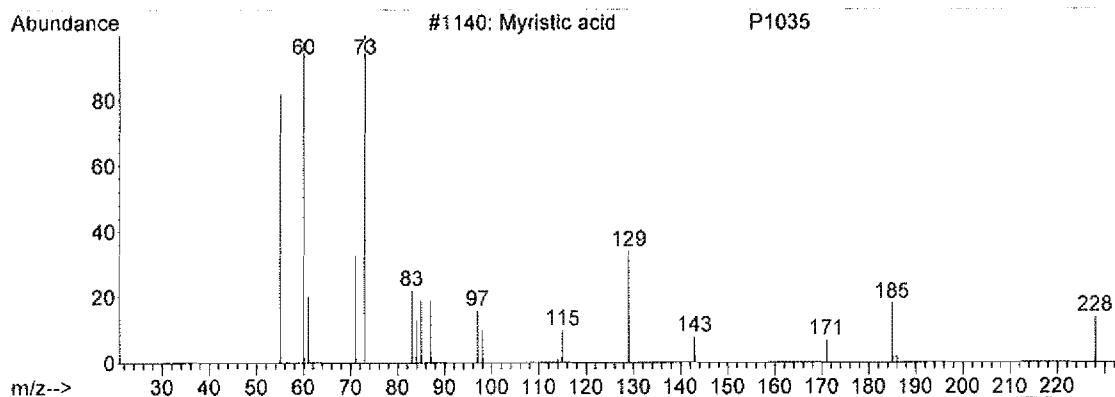
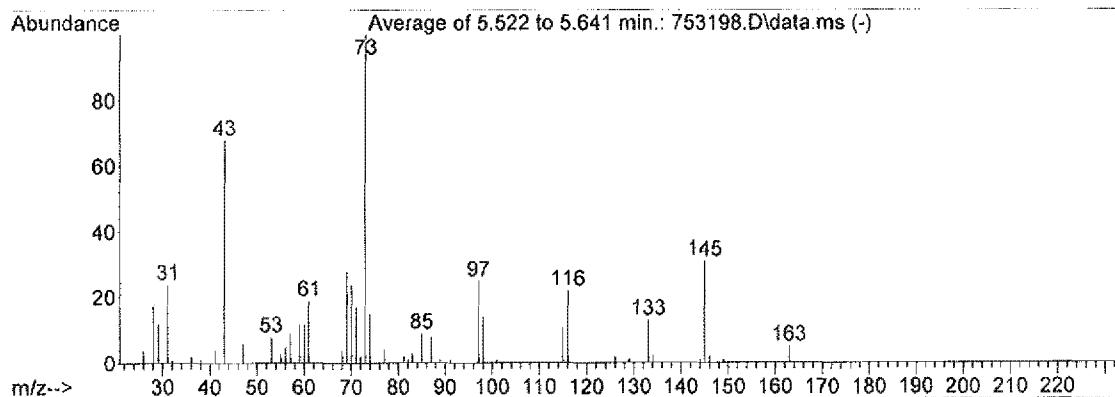
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
12	5.55	C:\Database\PMW_TOX2.L		
		Myristic acid	000544-63-8	2
		Ethylacetate	@ 000141-78-6	1



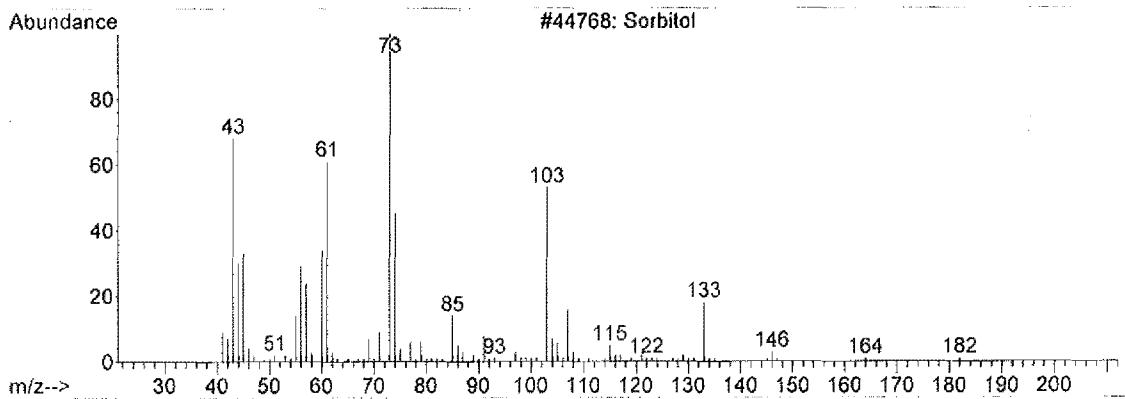
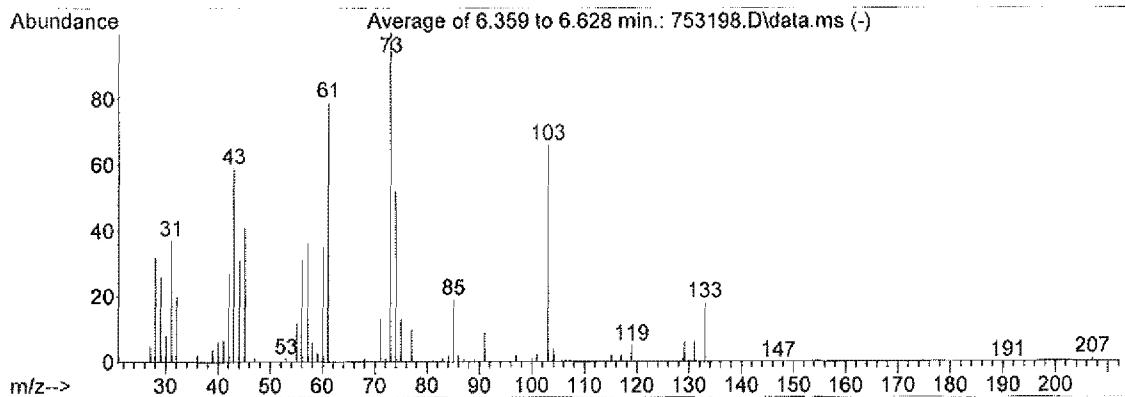
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
13	6.62	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	90
		Sorbitol	000050-70-4	83
		Glucitol	026566-34-7	83



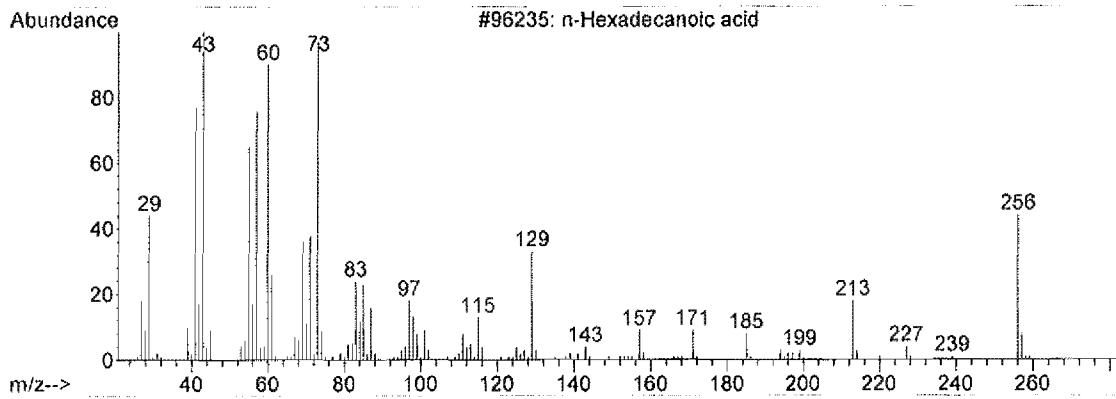
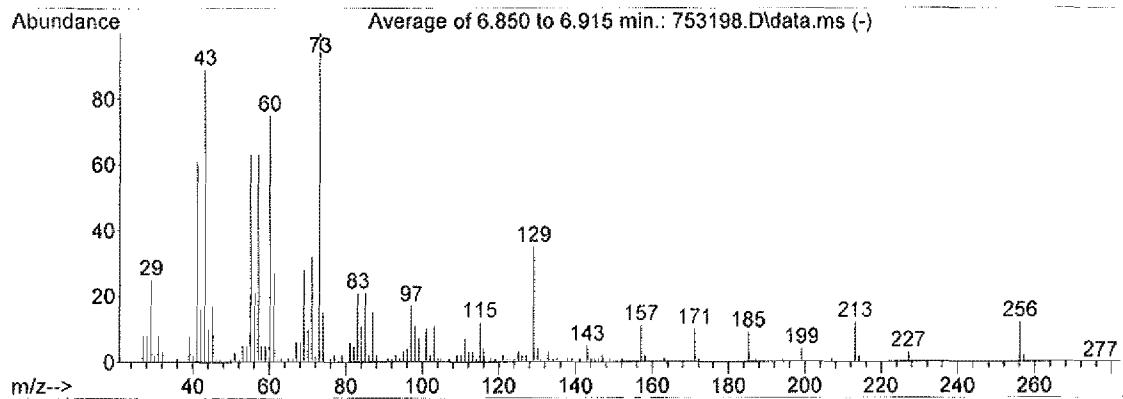
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:13  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 98  
AcquisitionMeth: WSCREEN  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
14	6.88	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	98
		n-Hexadecanoic acid	000057-10-3	98
		n-Hexadecanoic acid	000057-10-3	95



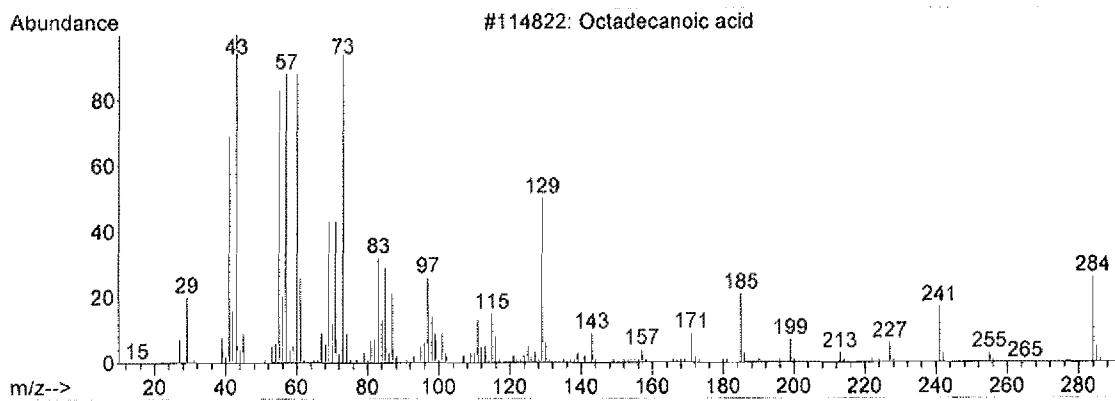
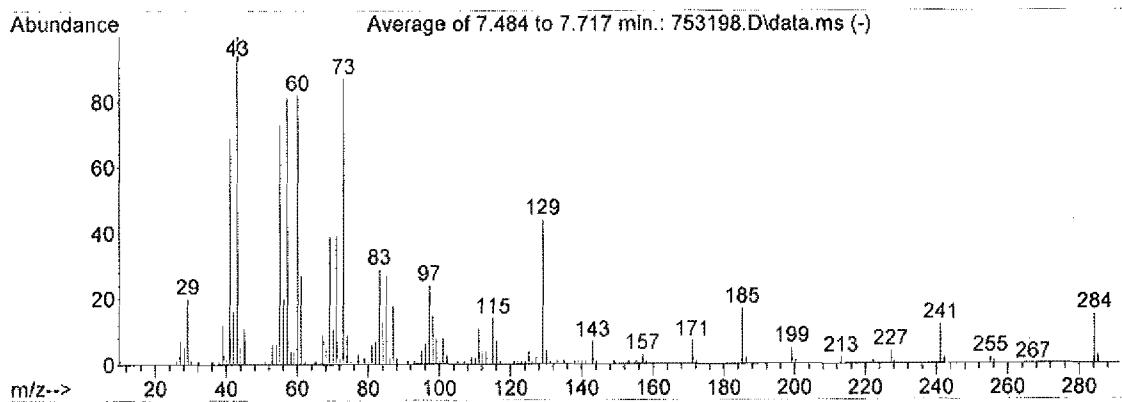
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
15	7.52	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	95



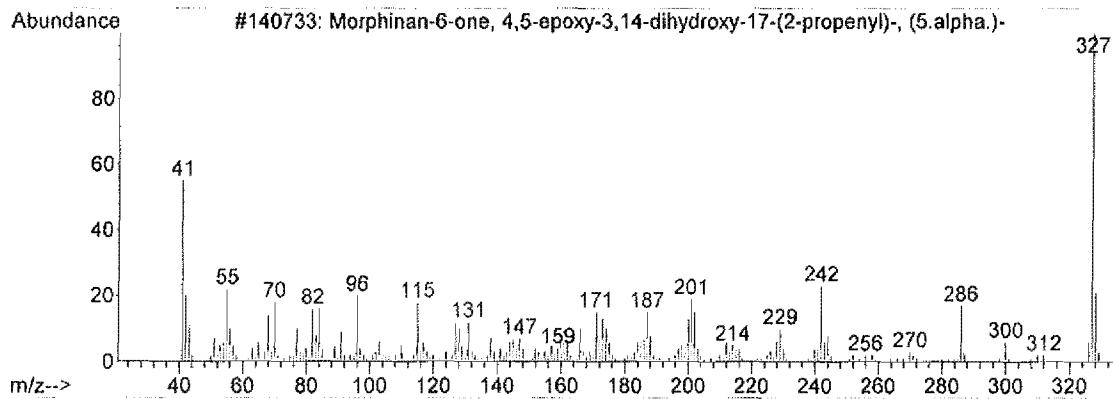
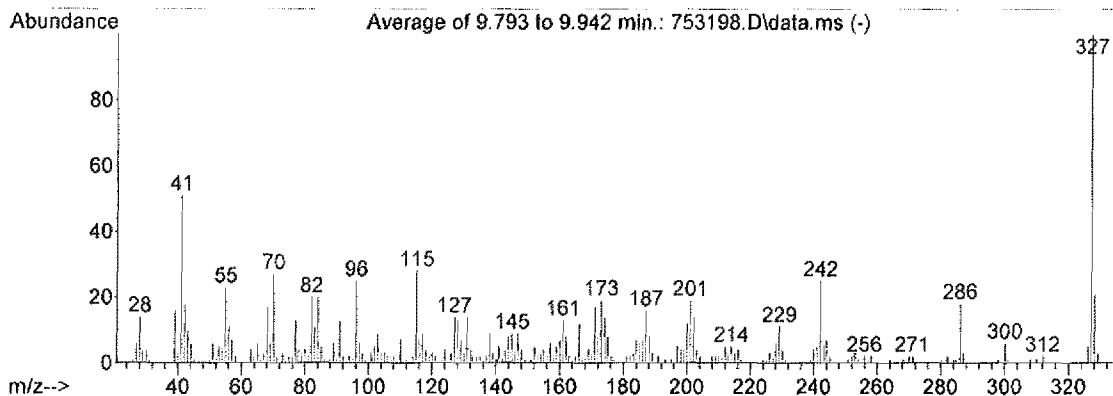
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
16	9.84	C:\Database\NIST05a.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	98
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	93



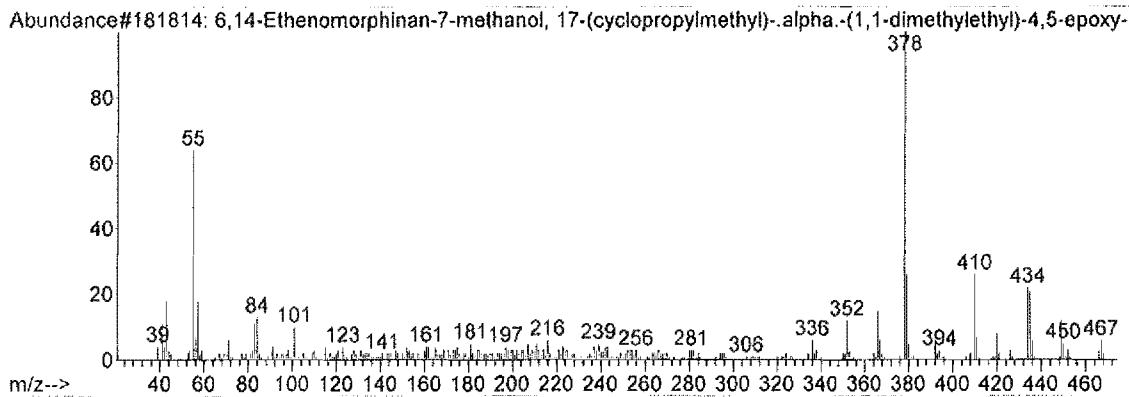
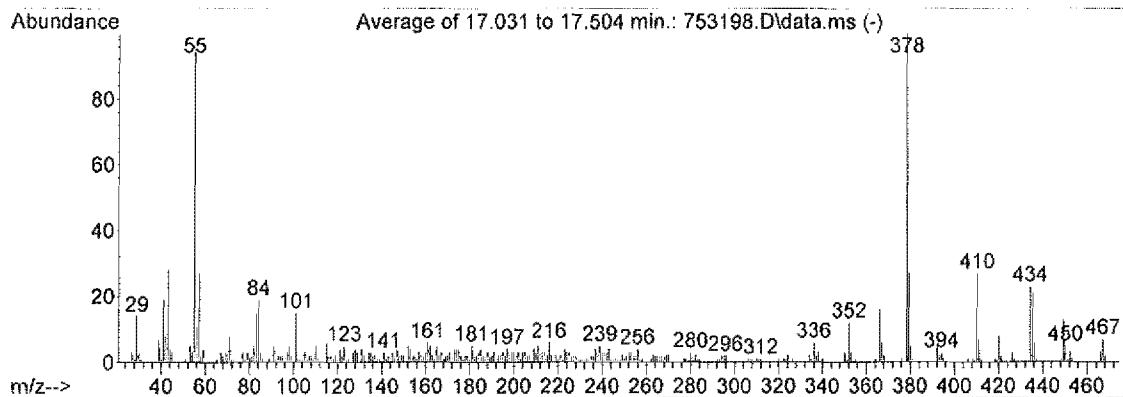
## Area Percent / Library Search Report

## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753198.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 8:13  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 98  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
17	17.22	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96
		Anthiaergosta-5,7,9,22-tetraene	107116-78-9	50



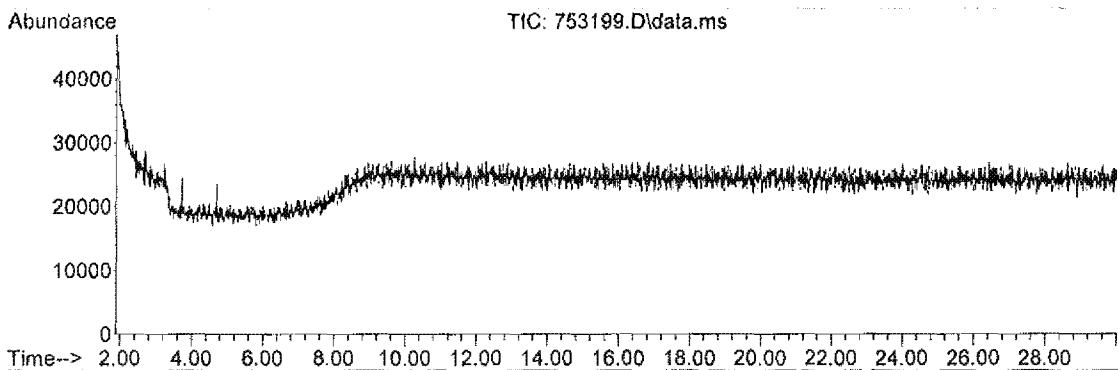
Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\753199.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 8:47  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

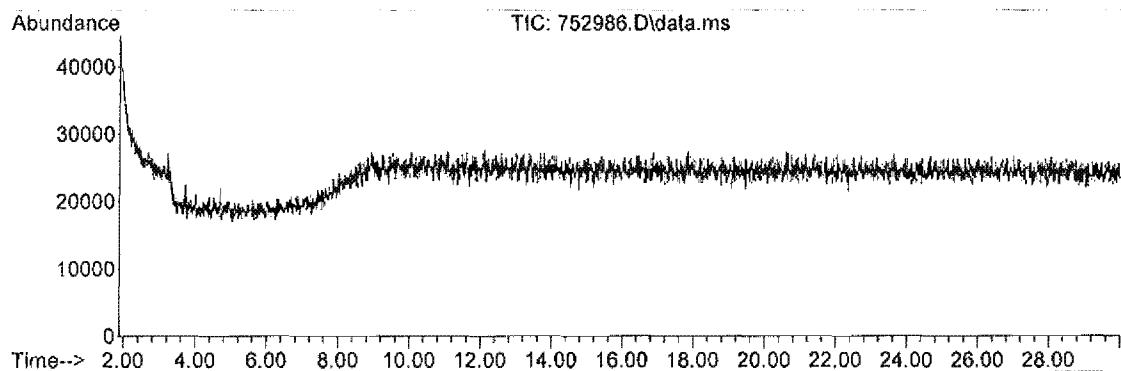
Area Percent / Library Search Report

---

Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\752986.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 12:49  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

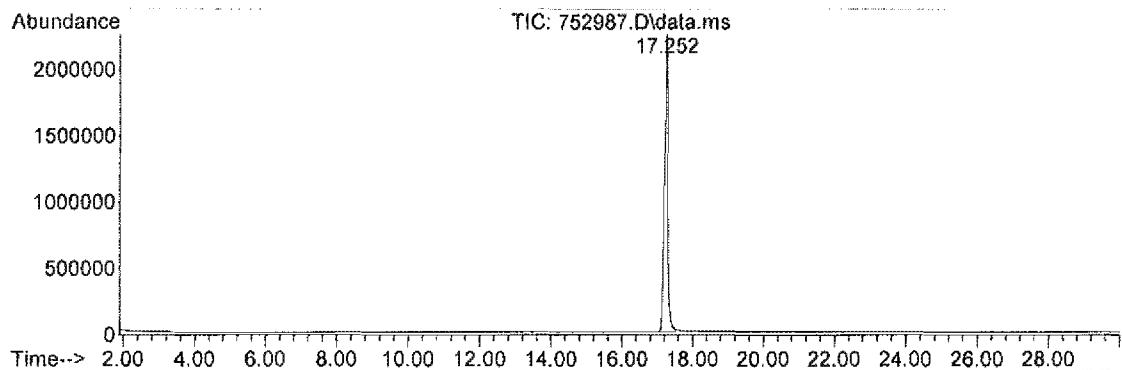
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\752987.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 13:23  
Sample Name : BUPRENORPHINE STD  
Submitted by :  
Vial Number : 95  
AcquisitionMeth: WSCREEN  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
17.252	14401931	100.00	100.00

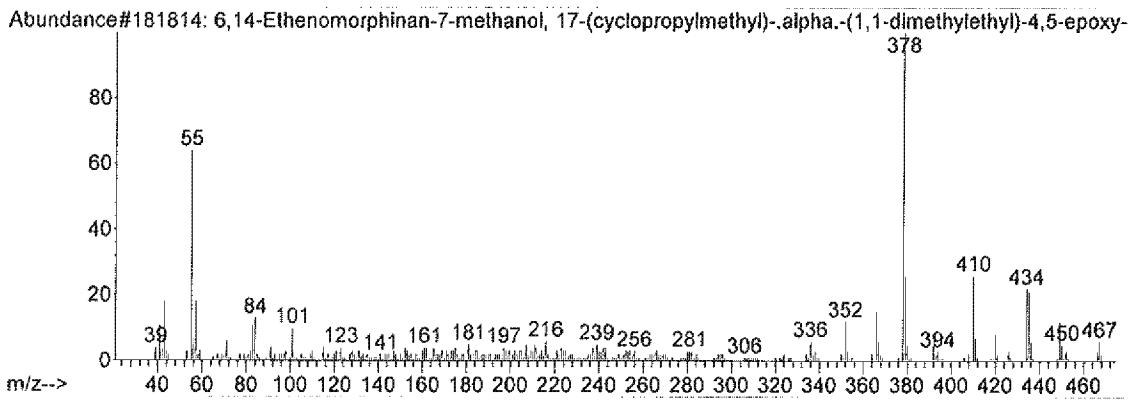
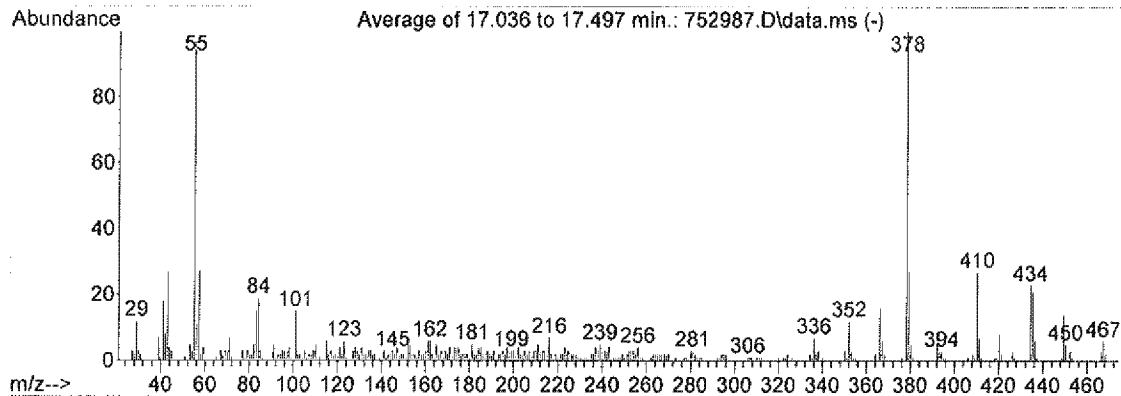
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## Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\752987.D  
 Operator : DJR  
 Date Acquired : 6 Nov 2010 13:23  
 Sample Name : BUPRENORPHINE STD  
 Submitted by :  
 Vial Number : 95  
 AcquisitionMeth: WSCREEN  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	17.25	C:\Database\NIST05a.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	96
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	70

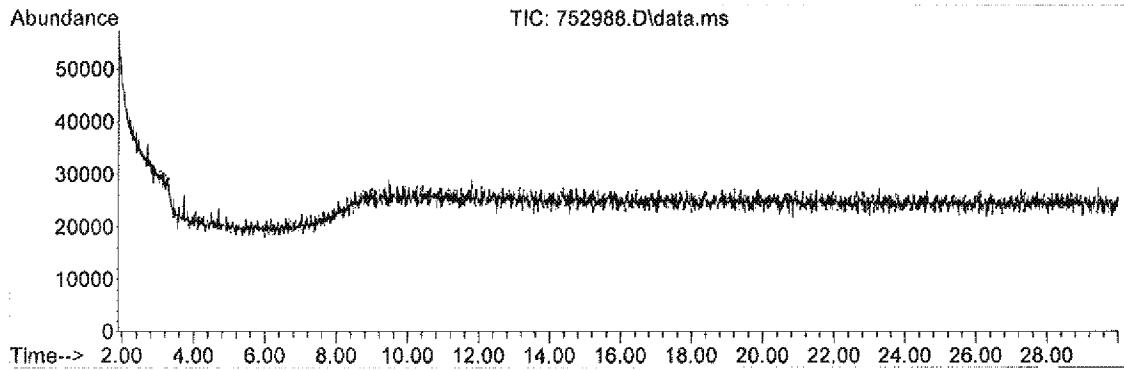


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Information from Data File:

File Name : F:\Q4-2010\SYSTEM4\11\_05\_10\752988.D  
Operator : DJR  
Date Acquired : 6 Nov 2010 13:57  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: WSCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*